

## WEST Search History

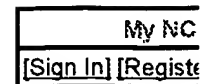
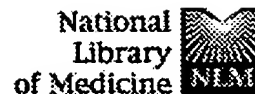




DATE: Saturday, June 11, 2005

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|--|----------|-------------------------|-----------|
| <i>DB=USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>      |          |                         |           |
| <input type="checkbox"/>   | L20      | HSV DAN vaccine         | 0         |
| <i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>                          |          |                         |           |
| <input type="checkbox"/>   | L19      | (HSV dna vaccine)       | 0         |
| <input type="checkbox"/>   | L18      | HSV adj DAN adj vaccine | 0         |
| <input type="checkbox"/>   | L17      | HSA adj DAN adj vaccine | 0         |
| <input type="checkbox"/>   | L16      | L15 and 5 kilobase      | 4         |
| <input type="checkbox"/>   | L15      | L14 and genomic         | 142       |
| <input type="checkbox"/>   | L14      | L13 and HSV             | 189       |
| <input type="checkbox"/>   | L13      | L12                     | 893       |
| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i> |          |                         |           |
| <input type="checkbox"/>   | L12      | DNA adj vaccine         | 3124      |
| <input type="checkbox"/>   | L11      | Tepe E.in.              | 1         |
| <input type="checkbox"/>   | L10      | Twomey T.in.            | 1         |
| <input type="checkbox"/>   | L9       | L7 and herpes adj virus | 0         |
| <input type="checkbox"/>   | L8       | L7 and HSV              | 0         |
| <input type="checkbox"/>   | L7       | bernstein d.in.         | 142       |
| <input type="checkbox"/>   | L6       | Mester J.in.            | 2         |
| <input type="checkbox"/>   | L5       | L4                      | 0         |
| <i>DB=DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>                          |          |                         |           |
| <input type="checkbox"/>   | L4       | L3                      | 0         |
| <i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>                          |          |                         |           |
| <input type="checkbox"/>   | L3       | Bernstein D .in.        | 0         |
| <input type="checkbox"/>   | L2       | L1                      | 0         |
| <i>DB=DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>                          |          |                         |           |
| <input type="checkbox"/>   | L1       | mester j.in.            | 2         |

END OF SEARCH HISTORY



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Limits: Publication Date to 1999/11/20

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|------------|---|----------|-------------|
| <u>#39</u> | Search cosmid and DNA vaccine Limits: Publication Date to 1999/11/20                  | 11:06:27 | <u>0</u>    |
| <u>#41</u> | Search cosmid and DNA vector and HSV Limits: Publication Date to 1999/11/20           | 11:05:03 | <u>7</u>    |
| <u>#40</u> | Search cosmid and DNA vector and gen gun Limits: Publication Date to 1999/11/20       | 11:04:56 | <u>0</u>    |
| <u>#35</u> | Search cosmid and DNA vector Limits: Publication Date to 1999/11/20                   | 11:04:42 | <u>454</u>  |
| <u>#38</u> | Search cosmid and DNA vector and gene gun Limits: Publication Date to 1999/11/20      | 11:04:24 | <u>0</u>    |
| <u>#37</u> | Search cosmid and DNA vector and gold Limits: Publication Date to 1999/11/20          | 11:04:17 | <u>0</u>    |
| <u>#36</u> | Search cosmid and DNA vector and gold particle Limits: Publication Date to 1999/11/20 | 11:04:12 | <u>0</u>    |
| <u>#29</u> | Search HSV DNA vaccine Limits: Publication Date to 1999/11/20                         | 10:49:56 | <u>21</u>   |
| <u>#26</u> | Search DNA vaccine and tuberculosis Limits: Publication Date to 1999/11/20            | 10:47:53 | <u>1107</u> |
| <u>#25</u> | Search DNA vaccine and microbacterium Limits: Publication Date to 1999/11/20          | 10:46:08 | <u>0</u>    |
| <u>#23</u> | Search DNA vaccine and influenza Limits: Publication Date to 1999/11/20               | 10:45:06 | <u>85</u>   |
| <u>#18</u> | Search DNA vaccine and HCV Limits: Publication Date to 1999/11/20                     | 10:42:31 | <u>23</u>   |
| <u>#15</u> | Search DNA vaccine and HIV Field: All Fields, Limits: Publication Date to 1999/11/20  | 10:40:56 | <u>162</u>  |
| <u>#14</u> | Search DNA vaccine and HIV  | 10:40:43 | <u>575</u>  |
| <u>#7</u>  | Search bernstein D 1999 and HSV   | 10:16:45 | <u>7</u>    |
| <u>#6</u>  | Search bernstein D 1999   | 10:00:50 | <u>50</u>   |
| <u>#5</u>  | Search Mester M 1999  | 10:00:07 | <u>2</u>    |
| <u>#3</u>  | Search Keadle T 2002  | 09:24:12 | <u>4</u>    |

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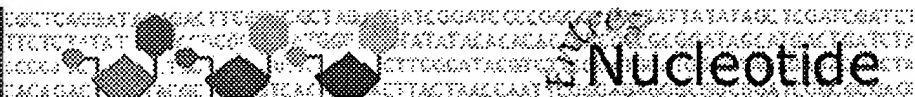
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Search  for

Range: from  to  ☐ Reverse complemented strand Features: ☐ SNP ☐ CDD

☒ MGC ☐ HPRD ☐ STS

☐ 1: [J02216](#). Reports HSV-1 (KOS) glyco...[gi:330091]

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LOCUS HS1GC 2697 bp DNA linear VRL 02-AUG-1993  
 DEFINITION HSV-1 (KOS) glycoprotein C gene, mu 0.63-0.65.  
 ACCESSION J02216  
 VERSION J02216.1 GI:330091  
 KEYWORDS glycoprotein.  
 SOURCE Human herpesvirus 1 (Herpes simplex virus type 1)  
 ORGANISM Human herpesvirus 1  
 Viruses; dsDNA viruses, no RNA stage; Herpesviridae;  
 Alphaherpesvirinae; Simplexvirus.  
 REFERENCE 1 (bases 1 to 2697)  
 AUTHORS Frink,R.J., Eisenberg,R., Cohen,G. and Wagner,E.K.  
 TITLE Detailed analysis of the portion of the herpes simplex virus type 1 genome encoding glycoprotein C  
 JOURNAL J. Virol. 45 (2), 634-647 (1983)  
 PUBMED [6300426](#)  
 REFERENCE 2 (bases 1 to 2697)  
 AUTHORS Draper,K.G., Costa,R.H., Lee,G.T., Spear,P.G. and Wagner,E.K.  
 TITLE Molecular basis of the glycoprotein-C-negative phenotype of herpes simplex virus type 1 macroplaque strain  
 JOURNAL J. Virol. 51 (3), 578-585 (1984)  
 PUBMED [6088783](#)  
 REFERENCE 3 (bases 1614 to 1683; 1772 to 1841; 1959 to 2028)  
 AUTHORS Draper,K.G., Frink,R.J., Devi,G.B., Swain,M., Galloway,D. and Wagner,E.K.  
 TITLE Herpes simplex virus types 1 and 2 homology in the region between 0.58 and 0.68 map units  
 JOURNAL J. Virol. 52 (2), 615-623 (1984)  
 PUBMED [6092683](#)  
 REFERENCE 4 (bases 1 to 2697)  
 AUTHORS Wagner,E.K.  
 JOURNAL Unpublished (1985)  
 COMMENT Original source text: Herpes simplex virus 1 (strain KOS) DNA [1],[2],[3].  
 [2] revises [1].  
 [4] revises [1],[2],[3].  
 [1] identified an mRNA family in the 0.59-0.65 region of HSV-1. Some of the members are related by splicing. The major 2520 nucleotide species (pre-msg A in FEATURES) is unspliced and is the transcript believed to encode glycoprotein C. Neither the translation products nor defined biological function of the 2400 and the 2200 nucleotide mRNA species (B and C) have been identified. The 1900 nucleotide mRNA species (D) produces a truncated gC product, which is immunoprecipitable. [1] identifies potential TATA and CAAT boxes for mRNAs A,B,C and D at positions 94-101 and 25-29 respectively. The 730 nucleotide mRNA species (E) has its own promoter: a potential TATA box at 1874-1879 and a potential CAAT box at 1905-1910. A protein from the 730 nucleotide E transcript has been isolated, but its function is unknown (E mRNA

in FEATURES).

Potential alternative splice acceptor sites for mRNA C can be found at positions 514, 533 and 553.

A draft entry and computer-readable copy of the sequence in [1]-[4] was kindly provided by E.K.Wagner 18-NOV-1985.

FEATURES                      Location/Qualifiers

    source                      1..2697  
                                /organism="Human herpesvirus 1"  
                                /mol\_type="genomic DNA"  
                                /db\_xref="taxon:10298"

prim transcript          121..2640  
                                /note="A,B,C,D mRNA (5' end +/- 2bp; 3' end approx.) [1]"

intron                      144..736  
                                /note="D intron"

intron                      144..513  
                                /note="C intron"

intron                      144..205  
                                /note="B intron"

CDS                          266..1801  
                                /note="glycoprotein C"  
                                /codon\_start=1  
                                /protein\_id="AAA45779.1"  
                                /db\_xref="GI:330092"  
                                /translation="MAPGRVGLAVVLWGLLWLGAGVAGGSETASTGPTITAGAVTNAS  
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DPKPKNNTTPAKSGRPTKPPGPVWCDRRDPLARYGSRVQIRCFRNSTRMEFRLQIWR  
YSMGPSPIAPAPDLEEVLNITAPPGLLVYDSAPNLTDPHVLWAEAGAGPGADPPLY  
SVTGPLPTQRLIIGEVTPATQGMYYLAWGRMDS PHEYGTWVRVRFPPSLTLQPHAV  
MEGQPFKATCTAAAYYPRNPVEFDWFEDDRQVFNPGQIDTQTHEHPDGFTTVSTVTSE  
AVGGQVPPRTFTCQMTWHRDSVTFSSRNATGLALVLRPTITMEFGVRHVCTAGCVP  
EGVTFAWFLGDDPSPAAKSAVTAQESCDHPGLATVRSTLPISYDYSEYICRLTGYPAG  
IPVLEHHGSHQPPRPDPTERQVIEAIEWVGIGIGVLAAGVLVVTAIYVVVRTSQSRQR  
HRR"

CDS                          752..1801  
                                /note="truncated glycoprotein C"  
                                /codon\_start=1  
                                /protein\_id="AAA45780.1"  
                                /db\_xref="GI:330093"  
                                /translation="MGPSPIAPAPDLEEVLNITAPPGLLVYDSAPNLTDPHVLWA  
EGAGPGADPPLYSVTGPLPTQRLIIGEVTPATQGMYYLAWGRMDS PHEYGTWVRVRF  
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DGFTTVSTVTSEAVGGQVPPRTFTCQMTWHRDSVTFSSRNATGLALVLRPTITMEFG  
VRHVCTAGCVP EGVTFAWFLGDDPSPAAKSAVTAQESCDHPGLATVRSTLPISYDYS  
EYICRLTGYPAGIPVLEHHGSHQPPRPDPTERQVIEAIEWVGIGIGVLAAGVLVVTAI  
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mRNA                          1907..2640  
                                /note="E mRNA (5' end +/- 3bp; 3' end approx.) [1]"

CDS                          1985..2503  
                                /note="17.8 kDa protein (E)"  
                                /codon\_start=1  
                                /protein\_id="AAA45781.1"  
                                /db\_xref="GI:330094"  
                                /translation="MPLRASEHAYRPLGPGTPPMRARLPAAAWVGVTIIGGVVIAA  
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AAVARVQSARSSGYWWVSGDGIRARLRLVDGVGIDQFCEEPALRICYYPRSPGGFVQ  
FVTSTRNALGLP"

ORIGIN                      90 bp upstream of SmaI site; 0.63 map units.

    1 attgatatat ttttcaataa aaggcattag tcccgaagac cgccggtgtg tgatgatttc  
    61 gccataacac ccaaaccg cgatggggccc gggtataaat tccggaagg gacacgggct  
    121 accctcacta ccgagggcgc ttggtcgga ggccgcatcg aacgcacacc cccatccggt  
    181 ggtccgtgtg gaggtcggtt ttcagtggc ggtctcgctt tgccgggaac gctagccgat  
    241 ccctcgcaag ggggagcggt cgggcatggc ccctgggagg gtgggccttg ccgtggctct  
    301 gtggggcctg ttgtggctcg gggcgggggt ggccgggggc tcggaaactg cctccaccgg

361 gcccacgatac accgcgggag cgggtgacgaa cgcgagcgag gccccacat cgggggtcccc  
421 cgggtcagcc gccagcccgg aagtcacccc cacatcgacc ccaaacccca acaatgtcac  
481 acaaaacaaa accaccccc cagagccggc cagcccccca acaaccccc agcccacctc  
541 cacgccc aaa agcccccca cgtccacccc cgacccccaaa cccaagaaca acaccacccc  
601 cgccaagtgc ggccgcccc ctaaaccccc cggggccgtg tgggtgcgacc gccgcgaccc  
661 attggcccgg tacggctcgc ggggtgcgat ccgatgccgg ttctcggaatt ccaccgcgat  
721 ggagttccgc ctccagatat ggcgttactc catgggtccg tccccccaa tcgctccggc  
781 tcccgcacta gaggaggtcc tgacgaacat caccgcccc cccgggggac tcctggtgta  
841 cgacagcgcc cccaacctga cggaccccc cgtgctcttg gcggagggg cgggccggg  
901 cgccgaccct ccgttgatt ctgtcacccg gccgctgccg acccagcggc tgattatcgg  
961 cgaggtgacg cccgcgaccc agggaatgta ttacttgcc tggggccgga tggacagccc  
1021 gcacgagtac gggacgtggg tgcgcgtccg catgttccgc cccccgtctc tgaccctcca  
1081 gccccacgcg gtgatggagg gtcagccgtt caaggcgacg tgcacggccg ccgcctacta  
1141 cccgcgtaac cccgtggagt ttgactggtt cgaggacgac cgccaggtgt ttaaccggg  
1201 ccgagcgac acgcagacgc acgagcacc cgacgggttc accacagtct ctaccgtgac  
1261 ctccgaggct gtcggcgccc aggtccccc cgggaccttc acctgccaga tgactggca  
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1381 gccaaccatc accatggaat ttgggtccg gcatgtggtc tgacggccg gctgcgtccc  
1441 cgagggcggt acgtttgcct ggttcctggg ggacgacccc tcaccggcg ctaagtgcgc  
1501 cgttacggcc caggagtcgt gcgaccacc cgggctggct acggtccggt ccaccctgcc  
1561 catttcgtac gactacagcg agtacatctg tcggttgacc ggatatccg ccgggattcc  
1621 cgttctagag caccacggca gtcaccagcc cccaccagg gacccaccg agcggcaggt  
1681 gatcgaggcg atcgagtggg tggggattgg aatcgggggt ctgcggcg gggctctggt  
1741 cgtaacggca atcggtgac tcgtccgcac atcacagtc cggcagcgtc atcggcggt  
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1861 caccgctggg cgctataaag ccgccaccct ctcttccctc aggtcatcct tggtcgatcc  
1921 cgaacgacac acggcgtgga gcaaaacgcc tccccctgag ccgctttcct accaacacac  
1981 cggcatgcct ctgcgggcat cggaaacacgc ctaccggccc ctgggccccg ggacaccccc  
2041 catgcgggct cggctccccg ccgcggcctg ggttggcgtc gggaccatca tcgggggagt  
2101 tgtgatcatt gccgcgttgg tcctcgtgcc ctgcggggc tcgtgggcac tttccccatg  
2161 cgacagcgga tggcacgagt tcaacctcg gtgcataatc tgggatccga cccccatgga  
2221 gcacgagcag gcggtcggcg gctgtagcgc cccggcgacc ctgatcccc gcgcggctgc  
2281 caaacagctg gccgccgtcg cagcgtcca gtcggcaaga tcctcgggct actggtgggt  
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2401 gttttgcgag gagcccgccc ttgcgatatg ctactatccc cgcagtcccc ggggctttgt  
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2521 ctgtctcgtc tcctcttctc cccttccctc cccctccgca tcccaggatc agaccggtca  
2581 acgaggggtg ggggggtccg gcacggaccc aaaataataa acacacaatc acgtgcgata  
2641 aaaagaacac gcgggtccct gtggtgtttt tggttatatt tattaaatct cgtcgac

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